

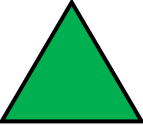
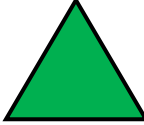
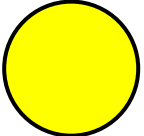
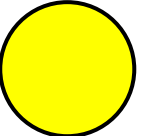
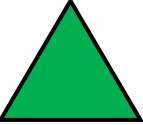
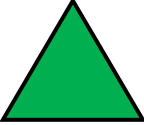
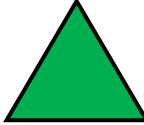
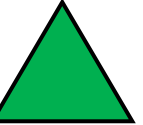


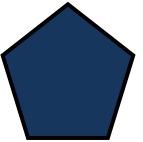
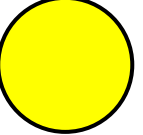
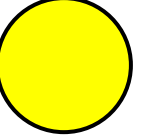
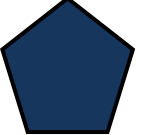

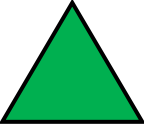
# Today's challenge

Each shape stands for a number.

The numbers shown are the totals for each row or column.

Find the remaining totals.

Can you explain how you did it?

				28
				24
				42
				36
32	34	36	28	

# Solution

$$4 \triangle = 24$$

So each triangle has a value of  $24 \div 4 = 6$

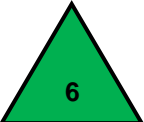
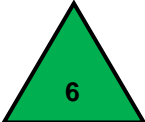
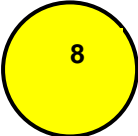
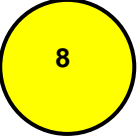
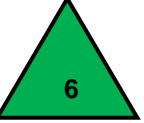
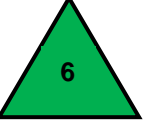
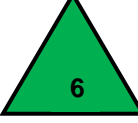
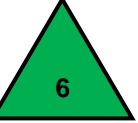



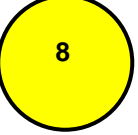
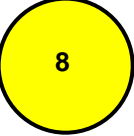


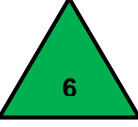
$$2 \triangle + 2 \bigcirc = 28$$

$$2 \times 6 + 2 \bigcirc = 28. \text{ So } 2 \bigcirc = 28 - 12 = 16$$

$$\text{So } \bigcirc = 16 \div 2 = 8$$

$$2 \triangle + \heartsuit + \text{pentagon} = 34$$

2

27

24

42

36

32

34

36

28